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(71) Applicants (for all designated States except US):
IBULE PHOTONICS INC. [KR/KR]; #1276-10, Jeong-
wang-dong, Siheung-si, Kyungki-do 429-850 (KR). EUN,

Jaehwan [KR/KR]; #112-14, Hyoja-1-dong, Wansan-gu,
Jeonju-si, Jeonrabuk-do 560-241 (KR). LEE, Sang-Goo
[KR/KR]; Jugong 5-cha Apt. 508-305, #1844, Jeong-
wang-dong, Siheung-si, Kyungki-do 429-450 (KR).

(72) Inventors; and

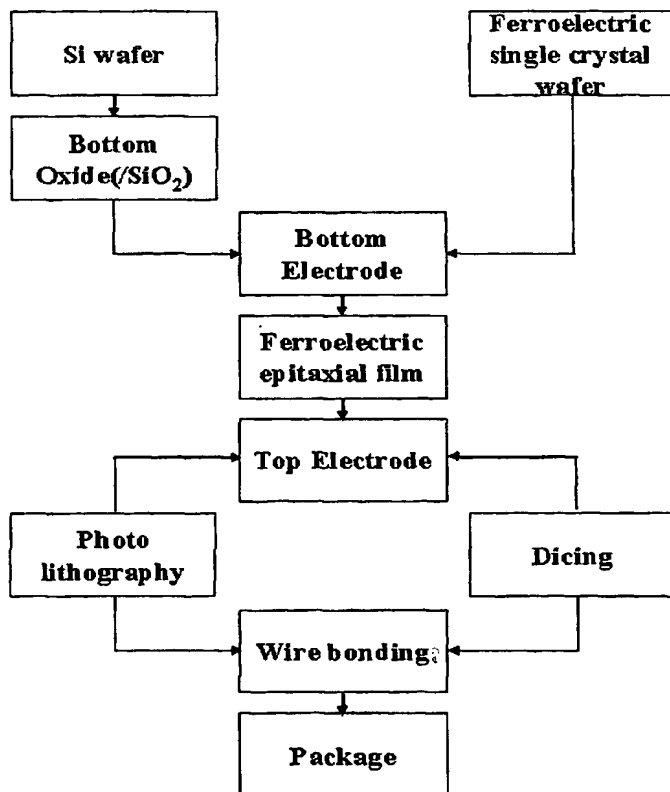
(75) Inventors/Applicants (for US only): KIM, Hyeongjoon
[KR/KR]; Parktown 107-1303, Naejeong-dong, Bun-
dang-gu, Seongnam-si, Kyungki-do 463-808 (KR). KIM,
Minchan [KR/KR]; Woosung Apt. 204-502, #113-6,
Ildo-2-dong, Jeju-si, Jeju-do 690-012 (KR).

(74) Agents: JANG, Seongku et al.; 19th Fl., KEC Building,
275-7, Yangjae-dong, Seocho-ku, Seoul 137-130 (KR).

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(54) Title: METHOD FOR PREPARATION OF FERROELECTRIC SINGLE CRYSTAL FILM STRUCTURE USING DEPOSITION METHOD



(57) Abstract: A film structure of a ferroelectric single crystal which can be beneficially used in the fabrication of high-performance electric and electronic parts and devices is prepared by forming an electrode layer having a perovskite crystal structure on a substrate made of a silicon or ferroelectric single crystal optionally polished to have a off-axis crystal structure, and epitaxially growing a layer of a ferroelectric single crystal thereon by pulsed laser deposition (PLD) or metallorganic chemical vapor deposition (MOCVD).